FULL STACK ENGINEER

Majd Mimoun

I'm a Full Stack Engineer with **5+ years of experience** building web applications. I enjoy understanding how things work, solving problems, and turning ideas into products that are actually useful.

I've worked across both frontend and backend, and I'm comfortable moving between the two depending on what the problem requires — mainly with TypeScript, JavaScript, React, Node.js and cloud environments.

But for me, technology is only part of the job. I care just as much about writing code that is simple, maintainable, and easy for a team to work with. I'm always looking to learn, improve, and work with people who care about building things well.

Current role	**Full-Stack AWS Engineer Groupe La Centrale**
Experience	**5+ years**
Based in	**Paris, France**
Education	**Engineering Degree, ESPRIT**
Languages	**Arabic · French · English**

01 · WHAT I WORK ON

Core areas

Drawn from my professional experience and personal projects.

Back-end & serverless on AWS

- Event-driven microservices with Lambda, API Gateway, Kinesis, EventBridge and Step Functions
- Data in DynamoDB, PostgreSQL and MongoDB
- Infrastructure as Code with AWS CDK

Front-end

- React.js and Next.js applications
- Migration to an in-house micro-frontend infrastructure
- Admin dashboards (Alminhej, school-events dashboard)

Events & CRM integration

- Event-driven triggers feeding Braze CRM for buyer and seller re-engagement
- Business events propagated across Kinesis and DynamoDB
- A/B testing feature flags

AI

- Dialog Manager for production AI chatbots and voicebots (Zaion)
- IVR server to automate and route inbound customer calls (ZACK)
- AI-assisted development with Claude, prompt engineering

Quality & DevOps

- Unit, integration and end-to-end testing (Cypress), code review
- CI/CD with Azure DevOps and Jenkins
- Docker, Kubernetes, Prometheus

Ownership & maintenance

- End-to-end delivery, from technical design to production
- Tech-debt reduction: Node.js migrations, legacy PHP decommissioning
- Agile / Scrum teams

02 · PROFESSIONAL EXPERIENCE

Experience

Dec 2021 — Present

Paris, France

Current

Groupe La Centrale

Full-Stack AWS Engineer

Leading French automotive marketplaces: La Centrale, Promoneuve, Caradisiac.

- Develop and maintain features end-to-end on the buyer and seller engagement platform (contact, favorites, vehicle tracking) within a serverless AWS microservices architecture.
- Designed and implemented event-driven triggers (favorites, messaging, price drops, vehicle availability) feeding the Braze CRM to power buyer and seller re-engagement scenarios.
- Captured, enriched and propagated business events (vehicle, buyer and seller data) across Kinesis streams and DynamoDB to support CRM and targeting use cases.
- Debugged and resolved a Kinesis deduplication issue causing bookmark expiration failures, restoring reliability of a core CRM trigger.
- Reduced technical debt through Node.js version migrations, migration to an in-house micro-frontend infrastructure and decommissioning of legacy PHP services.
- Provisioned cloud infrastructure with AWS CDK (Infrastructure as Code) and contributed to A/B testing feature flags and lead generation events.

Node.js · TypeScript · React · Lambda · Kinesis · EventBridge · DynamoDB · AWS CDK · Braze CRM

Jan 2021 — Dec 2021

Paris region, France

Zaion

Full-Stack Engineer

AI-based dialog systems for enterprise customer relations.

- Developed and evolved the Dialog Manager component used in production AI chatbots and voicebots.
- Collaborated with the DevOps team on the migration of the infrastructure to AWS, including CI/CD pipelines.
- Worked in a small cross-functional team with close interaction with DevOps and product stakeholders.

Node.js · Conversational AI · AWS · CI/CD

Oct 2020 — Jan 2021

Tunisia

IYA SOFT

Software Engineer

French client project: FrenchInnov.

- Led front-end development for the client's product suite.
- Built pull-request-based CI/CD pipelines with Azure DevOps.
- Implemented end-to-end testing with Cypress.

Front-end | Azure DevOps | Cypress

Feb 2020 — Aug 2020

Paris, France

ZACK

Full-Stack JavaScript Developer (Final-Year Project)

- Developed the back-end (Node.js, Express.js) and the associated REST APIs.
- Modeled the databases (MongoDB, PostgreSQL).
- Built the front-end with React.js and Next.js.
- Designed an Interactive Voice Response (IVR) server to automate and route inbound customer calls.

Node.js | Express.js | REST APIs | React.js | Next.js | MongoDB | PostgreSQL

Internships · Tunisia

Pocteo · Jul–Sep 2019 — Node.js / Blockchain / DevOps: Node.js application to test availability metrics with Prometheus monitoring on Kubernetes; on-demand environments triggered by GitHub pull requests via a Jenkins pipeline (Groovy DSL); decentralized application with Truffle and Solidity for distributed SLA management.

Best Web Mobile · Jul–Sep 2017 — Front-End: administration dashboard for managing school events with React.js and REST API integration.

Sofia Technologies · Feb–Jun 2017 — MEAN Stack: real-time IoT platform for smart agriculture — Node.js server with Socket.IO notifications and an Angular.js dashboard.

03 · PROJECTS

Personal projects

Alminhej

Personal project

White-label SaaS platform for online education

- Built a white-label platform for education institutions running online courses: course management, student enrollment, progress tracking, multimedia uploads and admin dashboard.
- Implemented multilingual support (Arabic, French, English) with full right-to-left (RTL) handling.

Next.js · NestJS · PostgreSQL · Supabase · Railway

Al-Rafik · Rufaqaa

Personal project

Peer-to-peer Quran memorization platform

- Built a social platform for peer-to-peer audio sessions, with matching by level, city and availability.
- Gamification: points and daily streaks.

Next.js · Supabase · PostgreSQL · Agora (real-time audio) · Railway

04 · TECHNICAL SKILLS

Skills

CLOUD & ARCHITECTURE

AWS Lambda, API Gateway, DynamoDB, Kinesis, EventBridge, Step Functions, S3, CloudWatch, AWS CDK, Serverless, Microservices, Event-Driven Architecture, IaC

LANGUAGES & FRAMEWORKS

JavaScript, TypeScript, Node.js, React.js, Next.js, NestJS, Express.js, HTML, CSS, REST APIs, Socket.IO

DATABASES

PostgreSQL, MongoDB, DynamoDB, Supabase

DEVOPS & TOOLING

Git, GitHub, Docker, Kubernetes, Jenkins, Azure DevOps, CI/CD, Prometheus

TESTING & QUALITY

Unit testing, Integration testing, End-to-End testing, Cypress, Code review

AI & PRODUCTIVITY

AI-assisted development with Claude, Prompt engineering, Generative AI on AWS

METHODS & TOOLS

Agile, Scrum, Braze CRM, A/B testing, Feature flags, Technical design

SPOKEN LANGUAGES

Arabic (native), French (fluent), English (fluent)

05 · EDUCATION & TRAINING

Education

2017 — 2020

Engineering Degree in Computer Science

ESPRIT, Private School of Engineering and Technology, Tunisia

2013 — 2017

Bachelor's Degree in Computer Science

Institut Supérieur d'Informatique, Tunisia

Certifications & training

AWS training

Developing Generative AI Applications on AWS · Advanced AWS Well-Architected Best Practices

06 · CONTACT

Let's talk

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